

**Method and System for Automated and Synchronous Execution of Customized Code on  
Off-loaded Retrieved Documents in a Document Processing System**

**BACKGROUND OF THE INVENTION**

**Related Inventions**

IBM patent application serial number 10/015302, entitled "Technique for Content Off-Loading in a Document Processing System Using Stub Documents", filed concurrently herewith on December 12, 2001 and IBM application serial number 10/015472, entitled "Method and System for Off-Loading and Retrieving Document Content in a Document Processing System", filed concurrently herewith on December 12, 2001, are related to this invention.

**Field of the Invention**

The invention relates to document processing environments with large document repositories. More specifically, the present invention relates to a technique for processing off-loaded and/or retrieved documents in a document processing system.

**Description of the Related Art**

15 A problem associated with the use of known client mailing applications, such as Lotus<sup>TM</sup> Notes<sup>TM</sup> or Microsoft<sup>TM</sup> Outlook<sup>TM</sup>, is that they contain continuously growing document repositories. (Lotus and Notes are trademarks of Lotus Development Corporation and/or International Business Machines Corp., and Microsoft and Outlook are trademarks of the Microsoft Corp.) The repositories continuously grow due to the incoming and outgoing notes or emails, which will be referred to hereafter as documents, which are commonly saved until deleted by a user. Such documents often including large attachments like text documents, graphics or even storage consuming digitized pictures.

In response to this problem, a Lotus Notes application uses a Lotus Domino<sup>TM</sup> database